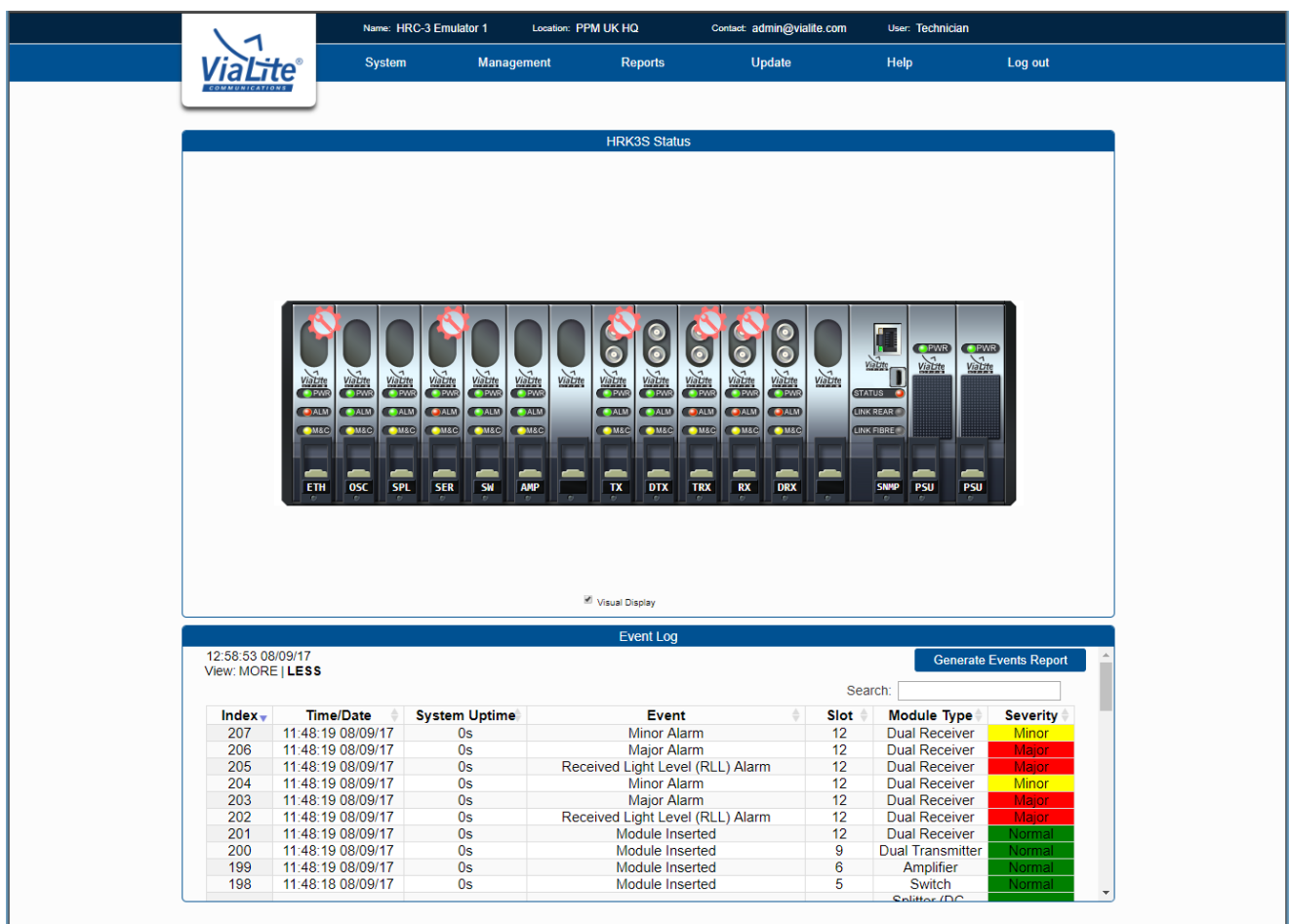


Upgrading the Legacy HRC-1 SNMP Chassis Card to Operate with Horizons

The [ViaLite Horizons SNMP](#) software is available in the new HRC-3 Horizons SNMP controller and as a standalone programme that works with **ViaLite** legacy HRC-1 SNMP controllers. Upgrading the software is **free of charge** and brings many [benefits](#), including not being Java reliant. This Guide explains how to upgrade the legacy HRC-1 controller to work with Horizons.



The screenshot shows the ViaLite Horizons SNMP web interface. At the top, there is a navigation bar with the following items: System, Management, Reports, Update, Help, and Log out. The main content area is titled "HRK3S Status" and displays a rack of modules. The modules are labeled as follows: ETH, OSC, SPL, SER, SM, AMP, TX, DTX, TRX, RX, DRX, SNMP, PSU, and PSU. The SNMP module is highlighted with a red 'X' icon, indicating it is not operational. Below the rack, there is a "Visual Display" checkbox. At the bottom, there is an "Event Log" section with a search bar and a "Generate Events Report" button. The event log table is as follows:

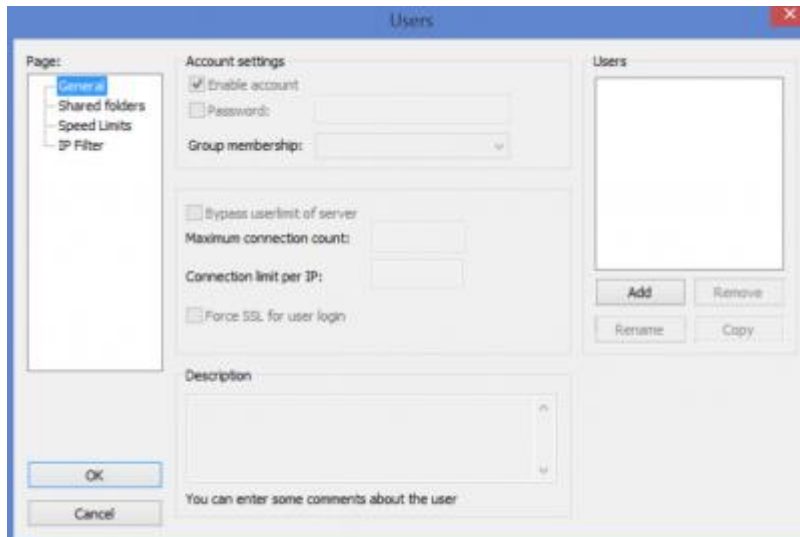
Index	Time/Date	System Uptime	Event	Slot	Module Type	Severity
207	11:48:19 08/09/17	0s	Minor Alarm	12	Dual Receiver	Minor
206	11:48:19 08/09/17	0s	Major Alarm	12	Dual Receiver	Major
205	11:48:19 08/09/17	0s	Received Light Level (RLL) Alarm	12	Dual Receiver	Major
204	11:48:19 08/09/17	0s	Minor Alarm	12	Dual Receiver	Minor
203	11:48:19 08/09/17	0s	Major Alarm	12	Dual Receiver	Major
202	11:48:19 08/09/17	0s	Received Light Level (RLL) Alarm	12	Dual Receiver	Major
201	11:48:19 08/09/17	0s	Module Inserted	12	Dual Receiver	Normal
200	11:48:19 08/09/17	0s	Module Inserted	9	Dual Transmitter	Normal
199	11:48:19 08/09/17	0s	Module Inserted	6	Amplifier	Normal
198	11:48:18 08/09/17	0s	Module Inserted	5	Switch Splitter (DC	Normal

You will need:

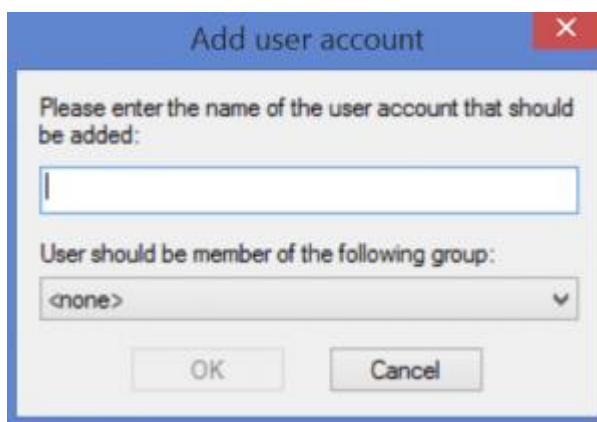
- Local access to the HRC-1 controller
- A version of Java that works with HRC-1 (version 8, update 131)
- A PC with a FTP server installed (Filezilla Server – as used in this guide – or similar). You can [download Filezilla Server here](https://filezilla-project.org/download.php?type=server) (https://filezilla-project.org/download.php?type=server)
- A standard Ethernet cable connecting the PC and HRC-1 controller

Steps

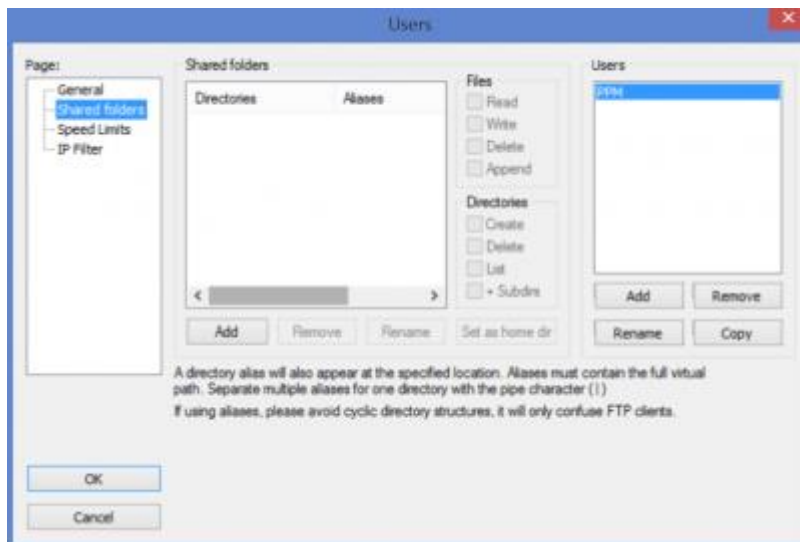
1. [Download the SNMP BIN file – card firmware](https://www.vialite.com/wp-content/uploads/2017/02/ViaLite-BIN-file-SNMP-card-firmware-010457.zip) (https://www.vialite.com/wp-content/uploads/2017/02/ViaLite-BIN-file-SNMP-card-firmware-010457.zip) to your PC and unzip the file (to utilise the Horizons software, you will need to upgrade the HRC-1 to the latest firmware version).
2. Open the Filezilla Server Interface. Click on **Edit** and then on **Users** in the toolbar. This window will pop up:



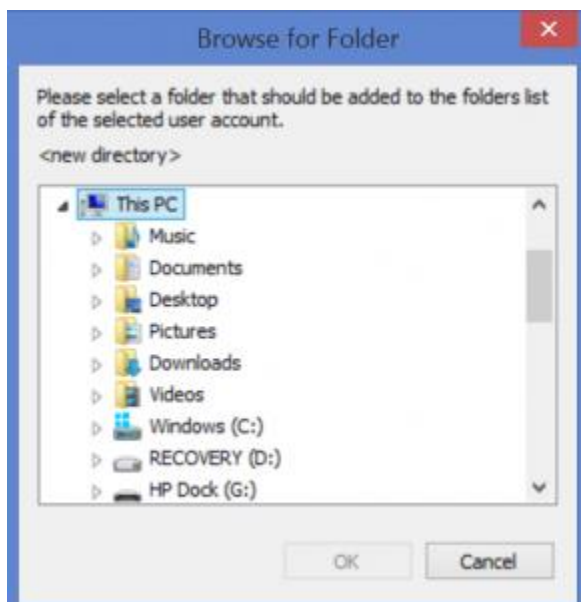
3. Under Users (right-hand-side of window), click **Add**. This window will pop up:



4. Type "PPM" in the field and click the **OK** button.
5. Under Account settings, **tick the Password box** and then enter the password "**PPM**" into the field.
6. Now click on **Shared Folders** beneath the 'Page:' field (left-hand-side of the window). The window will now look like this:

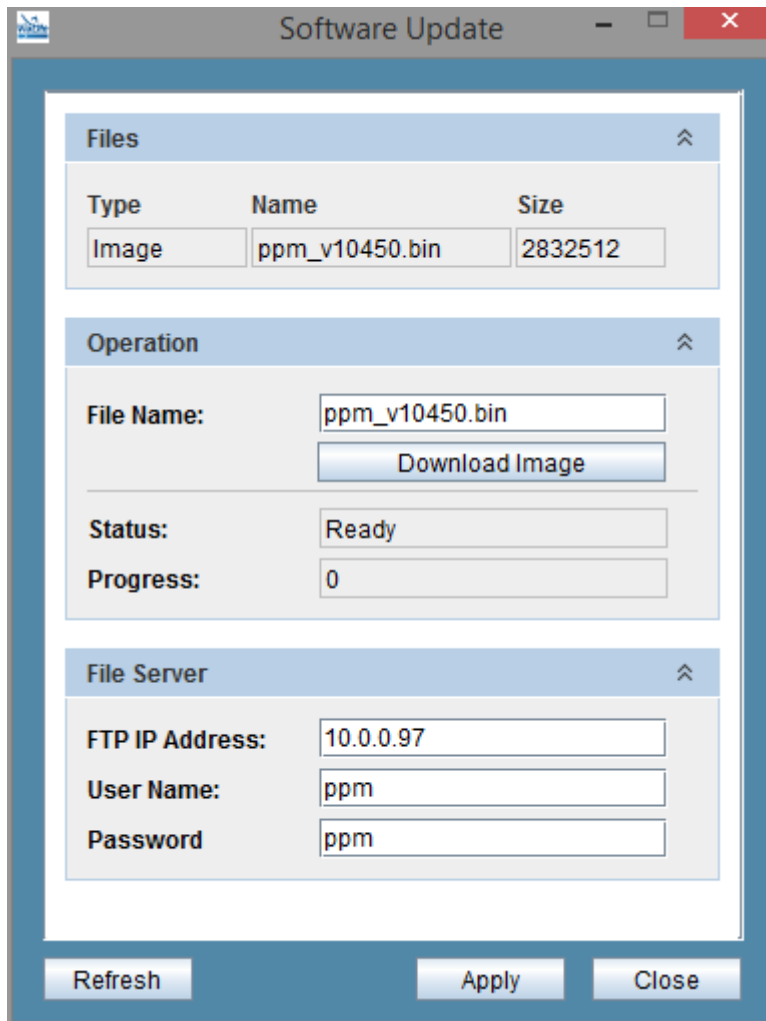


- Click on **Add** under the **Shared folders** section and the following window will come up:



- Select the folder where you saved the [SNMP BIN file – card firmware](https://www.vialite.com/wp-content/uploads/2017/02/ViaLite-BIN-file-SNMP-card-firmware-010457.zip) (https://www.vialite.com/wp-content/uploads/2017/02/ViaLite-BIN-file-SNMP-card-firmware-010457.zip) file. The folder will then appear in the **Shared folders** window.
- Click the **Set as home dir** button to set this folder as the home directory.
- Click **OK** and Filezilla Server will be ready to use; leave Filezilla Server running.
- Important: If you are running a firewall, you MUST setup a new rule to allow PORT 21 inbound access.**
- The Ethernet port being used to connect the PC to the HRC-1 must be configured to be on the same subnet as the HRC-1.
- Turn on the **ViaLite** chassis and connect the PC to the SNMP controller using the Ethernet cable.
- Open the **ViaLite** GUI.
- Click the Software Update icon on the left-hand bar.
- Then click on the arrow, to the right of **Operation**, to maximise the box.

17. Click the arrow to the right of **File Server** to maximise the box.



18. Input the FTP server address; this is the IP address of the PC running the FTP server software (Filezilla Server used in this guide).
19. Type in the **Username** and **Password** set in the FTP Server (if using the above: "PPM").
20. In the **Operations** tab, input the filename of the downloaded BIN file: "ppm_010457.bin".
21. Enter the IP address from the Command window into the Software Update window. Leave the username and password fields blank.



22. Press the **Apply** button at the bottom of the window to apply these settings.
23. Then press the **Download Image** button. You will be asked to confirm the action, click **Yes** if you are sure.
24. The upload will now run. Typically it takes around 2 minutes but is dependent on your network speeds.
25. When the status window says **Ready**, the new software has been loaded. You can check the version by clicking the left-hand menu System icon and opening the Inventory box.
26. You can now [download the Horizons SNMP – Installer](https://www.vialite.com/wp-content/uploads/2017/09/ViaLite_Horizons_Installer.zip) (https://www.vialite.com/wp-content/uploads/2017/09/ViaLite_Horizons_Installer.zip) onto your computer and install the software as per the Read Me in the Installer file.

You are now ready to enjoy the features and benefits of [ViaLite Horizons](#).